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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/787,297	02/27/2004	Hao Xue	51085-6 /slb	6561
89415	7590	11/13/2009	EXAMINER	
Smart & Biggar P.O.Box 2999, Station D 900-55 Metcalfe Street Ottawa, ON K1P 5Y6 CANADA			NGUYEN, TUAN HOANG	
			ART UNIT	PAPER NUMBER
			2618	
			NOTIFICATION DATE	DELIVERY MODE
			11/13/2009	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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Office Action Summary	Application No. 10/787,297	Applicant(s) XUE ET AL.	
	Examiner TUAN H. NGUYEN	Art Unit 2618	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 July 2009.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-23 and 25-27 is/are pending in the application.
- 4a) Of the above claim(s) 24 is/are withdrawn from consideration.
- 5) ☒ Claim(s) 5-8, 14-17 and 23 is/are allowed.
- 6) ☒ Claim(s) 1-4, 9-13, 18-22 and 25-27 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

1. Applicant's arguments filed on 07/22/2009 have been fully considered but they are not persuasive.

In response to Applicant's remark on pages 10-12, Applicant argues that neither Ericsson, Motorola, Siemens, Nokia Technical Specification (Push to Talk over Cellular (PoC); User Requirements; PoC Release 1.0; User Requirements V 1.1.1 (2003-10) hereinafter, "Ericsson") nor Wu (U.S PAT. 5,872,840) references cited by the Examiner disclose "**overriding DnD functionality based on an ignoreDnD attribute for the user device applied to a current state of the talk request**". Examiner respectfully disagrees with the Applicant argument. Applicant should refer to Wu reference (fig. 2, col. 4 lines 48-64) where as the Examiner interpreted "**overriding DnD functionality based on an ignoreDnD attribute for the user device applied to a current state of the talk request**" e.g., Before effectuating a voice connection with the called party subscriber 20, the enhanced DND application module 90 may alert the called party subscriber of the incoming call connection (read on "**current state**") overriding the activated DND subscriber feature. As an illustration, the enhanced DND application module 90 may play an announcement message informing the called party subscriber of an incoming call connection overriding the DND subscriber feature via an announcement machine (AM) 110. Therefore, the teaching of the prior art references still read on.

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Base on the above rational, it is believed that the claimed limitations are met by the references submitted and therefore, the rejections are maintained.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-4, 9-12, 18, 20-21 and 26-27, are rejected under 35 U.S.C. 103(a) as being unpatentable over Ericsson, Motorola, Siemens, Nokia Technical Specification (Push to Talk over Cellular (PoC); User Requirements; PoC Release 1.0; User Requirements V 1.1.1 (2003-10) hereinafter, "Ericsson") in view of Wu (U.S PAT. 5,872,840).

Consider claims 1 and 10, Ericsson teaches a talk request processing in a do-not-disturb (DnD) capable communication system, comprising: receiving a talk request for a requested walkie-talkie-like (PoC) communications session involving a user device capable of walkie-talkie-like functionality (page 13 paragraph 5.10 Access List management e.g., on the reject list the user maintains users and/or groups from whom the user does not accept to receive instant talk session requests).

Ericsson does not explicitly show that selectively and automatically overriding DnD functionality for the requested walkie-talkie-like communications session based on

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an ignoreDnD attribute for the user device applied to a criterion or condition of the talk request other than a user device identifier.

In the same field of endeavor, Wu teaches selectively and automatically overriding DnD functionality for the requested walkie-talkie-like communications session based on an ignoreDnD attribute for the user device applied to a criterion or condition of the talk request other than a user device identifier (col. 4 lines 48-64 and col. 6 line 58 through col. 7 line 25).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to use, selectively and automatically overriding DnD functionality for the requested walkie-talkie-like communications session based on an ignoreDnD attribute for the user device applied to a criterion or condition of the talk request other than a user device identifier, as taught by Wu, in order to provide a subscriber feature within a telecommunications network, and in particular, to the provision of an enhanced do not disturb (DND) subscriber feature within such a network.

Consider claim 20, Ericsson teaches a user device capable of walkie-talkie-like functionality for a do-not-disturb (DnD) capable communication system, the user device comprising: an ignoreDnD attribute request generator responsive to said external input adapted to send a network call processing server a request to update the ignoreDnD attribute of the user device (page 17 paragraph 6.2.1.1 Inviting User e.g., the system shall check the inviting user registered (read on update the ignoreDnD), incoming session are not blocked (read on ignoreDnD) for any reason when DnD is active).

Ericsson does not explicitly show that a user interface adapted to accept an external input to modify an ignoreDnD attribute for the user device the ignoreDnD attribute concerning a criterion or condition of a talk request other than a user device identifier.

In the same field of endeavor, Wu teaches a user interface adapted to accept an external input to modify an ignoreDnD attribute for the user device the ignoreDnD attribute concerning a criterion or condition of a talk request other than a user device identifier (col. 4 lines 48-64 and col. 6 line 58 through col. 7 line 25).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to use, a user interface adapted to accept an external input to modify an ignoreDnD attribute for the user device the ignoreDnD attribute concerning a criterion or condition of a talk request other than a user device identifier, as taught by Wu, in order to provide a subscriber feature within a telecommunications network, and in particular, to the provision of an enhanced do not disturb (DND) subscriber feature within such a network.

Consider claims 2, 11, and 21, Ericsson further teaches the user device is a wireless device (page 11 paragraph 5.3).

Consider claim 3, Ericsson further teaches the ignoreDnD attribute comprises an ignoreDnD flag, and wherein selectively overriding said DnD functionality is a function of the ignoreDnD flag (page 13 paragraph 5.10 Access List Management).

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Consider claim 4, Wu further teaches the ignoreDnD attribute comprises at least one predetermined ignore reason value, and wherein selectively overriding said DnD functionality is a function of the at least one predetermined ignore reason value (col. 4 lines 48-64).

Consider claims 9 and 18, Ericsson further teaches maintaining the ignoreDnD attribute for a plurality of user devices as a function of inputs received from the user devices (page 17 paragraph 6.2.1.1).

Consider claim 12, Ericsson further teaches the network call function comprises: a data store adapted to store the ignoreDnD attribute for the user device (page 11 paragraph 5.2); a DnD processing function adapted to provide DnD functionality (page 11 paragraph 5.2); and an ignoreDnD processing function adapted to override DnD functionality for the requested communications session as a function of the ignoreDnD attribute stored in the data store for the user device (page 17 paragraph 6.2.1.1).

4. Claims 26 and 27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ericsson, Motorola, Siemens, Nokia Technical Specification (Push to Talk over Cellular (PoC); User Requirements; PoC Release 1.0; User Requirements V 1.1.1 (2003-10) hereinafter, "Ericsson") in view of Wu and further in view of Wolf et al. (U.S. PUB. 2004/0005904 hereinafter, "Wolf").

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Consider claims 26 and 27, Ericsson and Wu, in combination, fail to teach the network call processing function is further adapted to: for said user device associate therewith an access list specifying which other user devices are permitted to reach said user device; on overriding said DnD functionality, process the access list to assess whether the talk request should be forwarded to the user device or not.

However, Wolf teaches the network call processing function is further adapted to: for said user device associate therewith an access list specifying which other user devices are permitted to reach said user device (page 2 [0017]); on overriding said DnD functionality, process the access list to assess whether the talk request should be forwarded to the user device or not (page 3 [0021]).

Therefore, it is obvious to one of ordinary skill in the art at the time the invention was made to incorporate the disclosing of Wolf into view of Ericsson and Wu, in order to provide a wireless communication system that includes an mobile station that is a member of multiple talkgroups provides for a prioritization of the multiple talkgroups.

5. Claims 13, 19, 22, and 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ericsson, Motorola, Siemens, Nokia Technical Specification (Push to Talk over Cellular (PoC); User Requirements; PoC Release 1.0; User Requirements V 1.1.1 (2003-10) hereinafter, "Ericsson") in view of Wu and further in view of Griffiths (U.S. PUB. 2002/0186827).

Consider claim 13, Ericsson and Wu, in combination, fails to teach the ignoreDnD attribute comprises an ignoreDnD flag and at least one predetermined

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ignore reason value, and wherein the ignoreDnD processing function selectively overrides said DnD functionality as a function of the ignoreDnD flag and the at least one predetermined ignore reason value.

However, Griffiths teaches the ignoreDnD attribute comprises an ignoreDnD flag and at least one predetermined ignore reason value, and wherein the ignoreDnD processing function selectively overrides said DnD functionality as a function of the ignoreDnD flag and the at least one predetermined ignore reason value (page 6 [0078]).

Therefore, it is obvious to one of ordinary skill in the art at the time the invention was made to incorporate the disclosing of Griffiths into view of Ericsson and Wu, in order to implement a call administration service, permitting both interactive and automatic denial and routing of calls, under the direction of subscriber provisioning.

Consider claim 19, Griffiths further teaches a talk request processing system in the form of a call processing server (page 9 [0109]).

Consider claim 22, Griffiths further teaches a user interface display for displaying modifications for the ignoreDnD attribute indicated by the external input (page 6 [0075]).

Consider claim 25, Griffiths further teaches a computer readable medium having computer executable instructions stored thereon for execution on a processor (page 9 [0109]).

Reasons for Allowance

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6. Claims 5-8, 14-17, and 23 are allowed over the prior art record.

7. The following is an examiner's statement of reasons for allowance:

The applicant's remarks, filed on 08/01/2008, have been carefully reviewed with updated search. Consequently, reasons for allowance of claims 5-8, 14-17, and 23 are set forth in accordance with the applicant's remarks state on pages 10-15.

Conclusion

8. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

9. Any response to this action should be mailed to:

Mail Stop _____ (Explanation, e.g., Amendment or After-final, etc.)

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Commissioner for Patents

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Randolph Building

401 Dulany Street

Alexandria, VA 22313

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan H. Nguyen whose telephone number is (571)272-8329. The examiner can normally be reached on 8:00Am - 5:00Pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Maung Nay A. can be reached on (571)272-7882882. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

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Information Consider the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Tuan H. Nguyen/
Examiner
Art Unit 2618

/Nay A. Maung/
Supervisory Patent Examiner, Art
Unit 2618